

16th ILAE School on Pre-Surgical Evaluation for Epilepsy and Epilepsy Surgery (EPODES Advanced II)

11 - 15 January 2027

Hotel International - Brno - Czech Republic

Paediatric Epilepsy Surgery, Disease Modifying Surgery & Neuromodulation

Monday, January 11th

Afternoon: Introduction - *indications, etiopathogenesis*

Moderator: Ç. Özkara

16.30-16.45	Introduction to the course	Ç. Özkara, B. Rydenhag, M. Brázdil, P. Kršek
16.45-17.00	In memory of Prof. Ivan Rektor, MD, PhD	M. Brázdil
17.00-17.30	General principles of epilepsy surgery	Ç. Özkara
17.30-18.00	What's different about children — electro-clinical manifestations	H. Cross
18.00-18.30	What's different about children — etiology, timing of surgery, brain plasticity	P. Kršek

18.30-20.00 Dinner

Tuesday, January 12th

Morning: *Presurgical evaluation I*

Moderator: H. Cross

08.30-09.15	Seizure semiology in children (paediatric seizure club)	H. Cross, G. Ramantani, P. Kršek
09.15-09.45	Scalp EEG in children	S. Pujar
09.45-10.30	Quantitative EEG analyses, source imaging, intraoperative ECoG in children	M. Zijlmans

10.30-11.00 Coffee break

11.00-11.45	Indications and techniques of long-term intracranial EEG monitoring, examples of SEEG planning in children	L. Tassi
11.45-12.15	Neuropathological and molecular-genetic substrates of focal paediatric epilepsy	A. Mühlebner

12.15-13.30 Lunch

Afternoon:

14.00-18.00 **Group work and tutorials – see separate schedule**

18.00-19.00 *Dinner*

Wednesday, January 13th

Morning: Presurgical evaluation II, management of specific syndromes

Moderator: P. Kršek

08.30-09.15 MRI including developmental aspects, and image postprocessing

P. Marusič, M. Kynčl

09.15-09.45 Structural and functional neuroimaging in young children

O. Horák

09.45-10.15 Neuropsychological and psychiatric evaluation in children

C. Bulteau

10.15-10.45 Genetic evaluation in candidates for epilepsy surgery

P. Kršek

10.45-11.15 Coffee break

11.15-11.45 Epilepsy surgery in LEATs and hypothalamic hamartoma

G. Ramantani

11.45-12.15 Epilepsy surgery in focal cortical dysplasia and tuberous sclerosis complex

P. Kršek

12.15-12.45 Epilepsy surgery in hemispheric diffuse lesions (developmental, vascular, inflammatory, etc.) and in children with early epileptic encephalopathy

H. Cross

12.45-14.00 Lunch

Afternoon:

14.00-18.30 **Group work and tutorials – see separate schedule**

18.30-19.30 *Dinner*

Thursday, January 14th

Morning: Epilepsy surgery — techniques, complications, outcomes

Moderator: B. Rydenhag

08.30-09.00 Technical aspects of SEEG and subdural grid implantation

J. Chrastina

09.00-09.45 Surgical techniques in typical structural lesions in children (FCD, other MCDs, TSC, LEATs, HH)

A. Cukiert, B. Rydenhag, J. Chrastina

09.45-10.15 Hemispheric surgery and other disconnective techniques

A. Cukiert, B. Rydenhag

10.15-10.45 Coffee break

10.45-11.15 Complications of epilepsy surgery and their prevention

B. Rydenhag

11.15-11.45 Seizure outcome and postsurgical ASM management

C. Bulteau

11.45-12.15 Cognitive and developmental outcomes of paediatric epilepsy surgery — curative and disease-modifying

C. Bulteau

12.15-13.30 Lunch

Afternoon:

14.00-15.30 **Group work and tutorials – see separate schedule**

15.30-18.00 **City walk – Discover Brno**

19.00-22.00 **Certification ceremony & Dinner**

TA-archiv wine cellar

Friday, January 15th

Morning: Outcomes, disease-modifying surgery and neuromodulation

Moderator: M. Brázdil

08.30-09.00	Ultra-refractory epilepsy	M. Brázdil
09.00-09.30	When to stop in paediatric epilepsy surgery and management of surgical failures	G. Ramantani
09.30-09.50	Patient selection for disease-modifying surgery and neuromodulation	C. Cukiert
09.50-10.20	Vagus nerve stimulation (VNS)	M. Brázdil

10.20-10.40 Coffee break

10.40-11.00	Deep brain stimulation (DBS)	C. Cukiert
11.00-11.20	Surgical aspects of neurostimulation and DBS	A. Cukiert
11.20-11.40	Callosotomy and VNS — neurosurgical perspective	B. Rydenhag, A. Cukiert
11.40-12.00	Thermocoagulation following SEEG and LITT — minimally invasive procedures	B. Rydenhag
12.00-12.30	Sharing the experience of developing epilepsy surgery centres	

Biayna Sukhudyana, Yerevan, Armenia; Nirmeen Adel Kishk, Cairo, Egypt

12.30-13.30 Lunch

Group work: all participants will be asked to bring at least one open case suitable for the topics covered in the course

Faculty

Milan Brázdil (Czechia), Cristine Bulteau (France), Jan Chrastina (Czechia), Helen Cross (UK), Arthur Cukiert (Brazil), Cristine Cukiert (Brazil), Ondřej Horák (Czechia), Pavel Kršek (Czechia), Martin Kynčl (Czechia), Petr Marusič (Czechia), Angelika Mühlebner (Germany), Çiğdem Özkara (Turkey), Suresh Pujar (UK), Georgia Ramantani (Switzerland), Bertil Rydenhag (Sweden), Laura Tassi (Italy), Maeike Zijlmans (Nederland)